

# The BCD Value for Public Transit

## The Need for Video Surveillance in Public Transportation

From carrying goods across the country to bringing commuters to their jobs, the transportation industry is critical to maintaining a functioning society. Data-driven technology enables public and private transportation providers to analyze operations and continuously improve to provide effective services for all those who use it. Combined with the Internet of Things (IoT) sensors and other hardware, video data provides powerful insights for eliminating overcrowding, improving time management and creating a safer environment.

## Benefits of BCD for Transportation

As one of the industry leaders for providing IP video data infrastructure solutions, BCD offers a wide range of solutions that tailor to the needs of public transit. While each solution is purpose-built in one of our ISO 9001:2015 certified facilities, all BCD systems have the following attributes in common:

- NDAA, TAA and BAA compliant appliances
- Cyber-hardened hardware
- Validated with top VMS, video analytics and access control solutions
- [Harmonize Bridge](#) for hybrid cloud connectivity and disaster recovery
- [Harmonize RMM](#) for full system health monitoring and predictive failure
- 24/7/365 pre- and post- sales support

## Recommended Solutions

### Milestone Video Accelerator (MVA)

The MVA is a [GPU-based recording appliance](#) that has been designed specifically for and validated by Milestone Systems. The recording server utilizes GPU resources when available on the server, reducing the CPU load during motion events and improving the overall performance of the server. Designed to support H.265 codec and a throughput of 700 Mbps+, the MVA is ideal for motion-sensitive industries like public transit.

### Harsh Environment Servers and Switches

From extreme temperatures to mechanical stressors like strong vibrations, your video recording and network appliances need to be able to withstand the constraints of their environments. BCD offers a range of [harsh environment servers](#) and hardened switches that are ideal for vehicles and extreme conditions.